

12/10/01
1131 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No. N.C. 82,591
First Inventor Keller
Title METAL NANOPARTICLE THERMOSET AND CARBON COMPOSITIONS FROM
Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit as original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 27]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U. S. C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(13)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:
Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

DEPENDENCE ADDRESS

☒ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☐ Correspondence address below

Name Naval Research Laboratory, Code 1008.2
4555 Overlook Ave., S.W.,
Address Code 1008.2
City Washington State DC Zip Code 20375-5320
Country US Telephone 202-404-1552 Fax 202-404-7380

Name (Print/Type) John J. Karasek Registration No. (Attorney/Agent) 36,182
Signature Date 12/10/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

1131 U.S. PTO
10/006385
12/10/01

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 740

Complete if Known

Application Number	Not yet assigned
Filing Date	December 10, 2001
First Named Inventor	Keller
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	82,591

10/006385
12/10/01

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 50-0281
Deposit Account Name Naval Research Laboratory

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status, See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
101 740 201 370	Utility filing fee		740
106 330 206 165	Design filing fee		
107 510 207 255	Plant filing fee		
108 740 208 370	Reissue filing fee		
114 160 214 80	Provisional filing fee		

SUBTOTAL (1) (\$ 740

2. EXTRA CLAIM FEES

Total Claims 18 -20 = 0 x 18 = 0
Independent Claims 3 -3 = 0 x 0 = 0
Multiple Dependent 0 = 0

Large Entity	Small Entity	Fee Description	Fee Paid
103 18 203 9	Claims in excess of 20		
102 84 202 42	Independent claims in excess of 3		
104 280 204 140	Multiple dependent claim, if not paid		
109 84 209 42	** Reissue independent claims over original patent		
110 18 210 9	Reissue claims in excess of 20 and over original patent		

SUBTOTAL (2) (\$ 0

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
105 130 205 65	Surcharge - late filing fee or oath		
127 50 227 25	Surcharge - late provisional filing fee or cover sheet		
139 130 139 130	Non-English specification		
147 2,520 147 2,520	For filing a request for ex parte reexamination		
112 920* 11 2 920*	Requesting publication of SIR prior to Examiner action		
113 1,840* 113 1,840*	Requesting publication of SIR after Examiner action		
115 110 215 55	Extension for reply within first month		
116 400 216 200	Extension for reply within second month		
117 920 217 460	Extension for reply within third month		
118 1,440 218 720	Extension for reply within fourth month		
128 1,960 228 980	Extension for reply within fifth month		
119 320 219 160	Notice of Appeal		
120 320 220 160	Filing a brief in support of an appeal		
121 280 221 140	Request for oral hearing		
138 1,510 138 1,510	Petition to institute a public use proceeding		
140 110 240 55	Petition to revive - unavoidable		
141 1,280 241 640	Petition to revive - unintentional		
142 1,280 242 640	Utility issue fee (or reissue)		
143 460 243 230	Design issue fee		
144 620 244 310	Plant issue fee		
122 130 122 130	Petitions to the Commissioner		
123 50 123 50	Processing fee under 37 CFR 1.17(c)		
126 180 126 180	Submission of Information Disclosure Stmt		
581 40 581 40	Recording each patent assignment per property (times number of properties)		
146 740 246 370	Filing a submission after final rejection (37 CFR § 1.129(a))		
149 740 249 370	For each additional invention to be examined (37 CFR § 1.129(b))		
179 740 279 370	Request for Continued Examination (RCE)		
169 900 169 900	Request for expedited examination of a design application		

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone	202-404-1552
Signature		Date	12/10/01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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5870
1008.2
December 10, 2001

Navy Case No. 82,591

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: Keller et al

For: **"METAL NANOPARTICLE THERMOSET AND CARBON COMPOSITIONS FROM MIXTURES OF METALLOCENE-AROMATIC-ACETYLENE COMPOUNDS"**

NOTICE TO FILING WITHOUT OATH OR DECLARATION BY APPLICANT

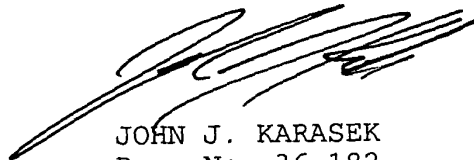
Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Please take notice that this application is being filed pursuant to 37 C.F.R. 153(d) without the oath or declaration of the Applicant. This is being done to secure an early filing date.

Upon the Notice from the Patent Office required by 1.53(d), Applicant will file the required oath or declaration, and pay the surcharge as set forth in 37 C.F.R. 1.16(e).

Respectfully submitted,



JOHN J. KARASEK
Reg. No. 36,182

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